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2879

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PTO/SB/21 (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/864,219
	Filing Date	May 25, 2001
	First Named Inventor	Yukiharu TAGAWA
	Group Art Unit	2879
	Examiner Name	Unknown
Total Number of Pages in This Submission		Attorney Docket Number 740145-198

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Preliminary Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Other
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Docket No. 740145-198

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application Of

Yukiharu TAGAWA

Application No. 09/864,219

Filed: My 25, 2001

For: METHOD OF MANUFACTURING DISCHARGE
LAMPS AND A DISCHARGE LAMP WITH A
HALOGEN INTRODUCTION CARRIER

Group Art Unit: 2879

Examiner: Unknown

4/ Preliminary
3-3-02
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PRELIMINARY AMENDMENT

Commissioner for Patents and Trademarks
Washington, D.C. 20231

Sir:

✓
Please amend the above-identified application as follows:

In the Specification:

✓ Please amend the following paragraphs [0006], [0030] and [0035]:

[0006] *a* Another known means of incorporating the halogen is to introduce a metal halide in the form of a pellet. This method is conventionally used in the manufacture of metal halide lamps. In very high-pressure mercury lamps that have been used as light sources for liquid crystal projectors in recent years, the volume of the discharge space formed by the discharge vessel has been small, no more than 80 mm³, in order to raise the working voltage when lighted; the amount of halogen necessary to prevent blacking of the tube wall of the discharge vessel in this case is 3 µg or less in weight. Because even the smallest of the generally available pellets are 20 µg in weight, an excessive amount of halogen is incorporated into the discharge vessel. As a result, the halogen causes wastage of the discharge electrodes, and the undesirable phenomenon of light-spot shift.